

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010722AL\  
 Data File : FC057784.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Jan 2022 00:25  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 08 00:43:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 12:13:43 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 10.705 | 3703767    | 19.154 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.31%       |
| 12) S 1-chlorooctadecane (S... | 12.142 | 2806724    | 19.043 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.634  | 3143217    | 19.656 ug/ml |
| 2) T n-Decane (C10)            | 3.624  | 3195372    | 19.880 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.161  | 3609366    | 19.877 ug/ml |
| 4) T n-Dodecane (C12)          | 5.596  | 3221347    | 19.974 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.201  | 3650886    | 19.965 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.377  | 3324718    | 20.138 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.968  | 3337290    | 19.979 ug/ml |
| 8) T n-Octadecane (C18)        | 10.402 | 3395483    | 19.731 ug/ml |
| 10) T n-Eicosane (C20)         | 11.704 | 3284031    | 19.183 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.313 | 3274161    | 18.934 ug/ml |
| 13) T n-Docosane (C22)         | 12.896 | 3201181    | 18.503 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.994 | 3130896    | 18.086 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.011 | 2966586    | 17.628 ug/ml |
| 16) T n-Octacosane (C28)       | 15.957 | 2913348    | 17.803 ug/ml |
| 17) T n-Tricontane (C30)       | 16.841 | 2932368    | 18.782 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.671 | 2811707    | 20.166 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.452 | 2525258    | 20.318 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.190 | 2355358    | 21.185 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.895 | 2161757    | 20.723 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.720 | 2410765    | 25.177 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

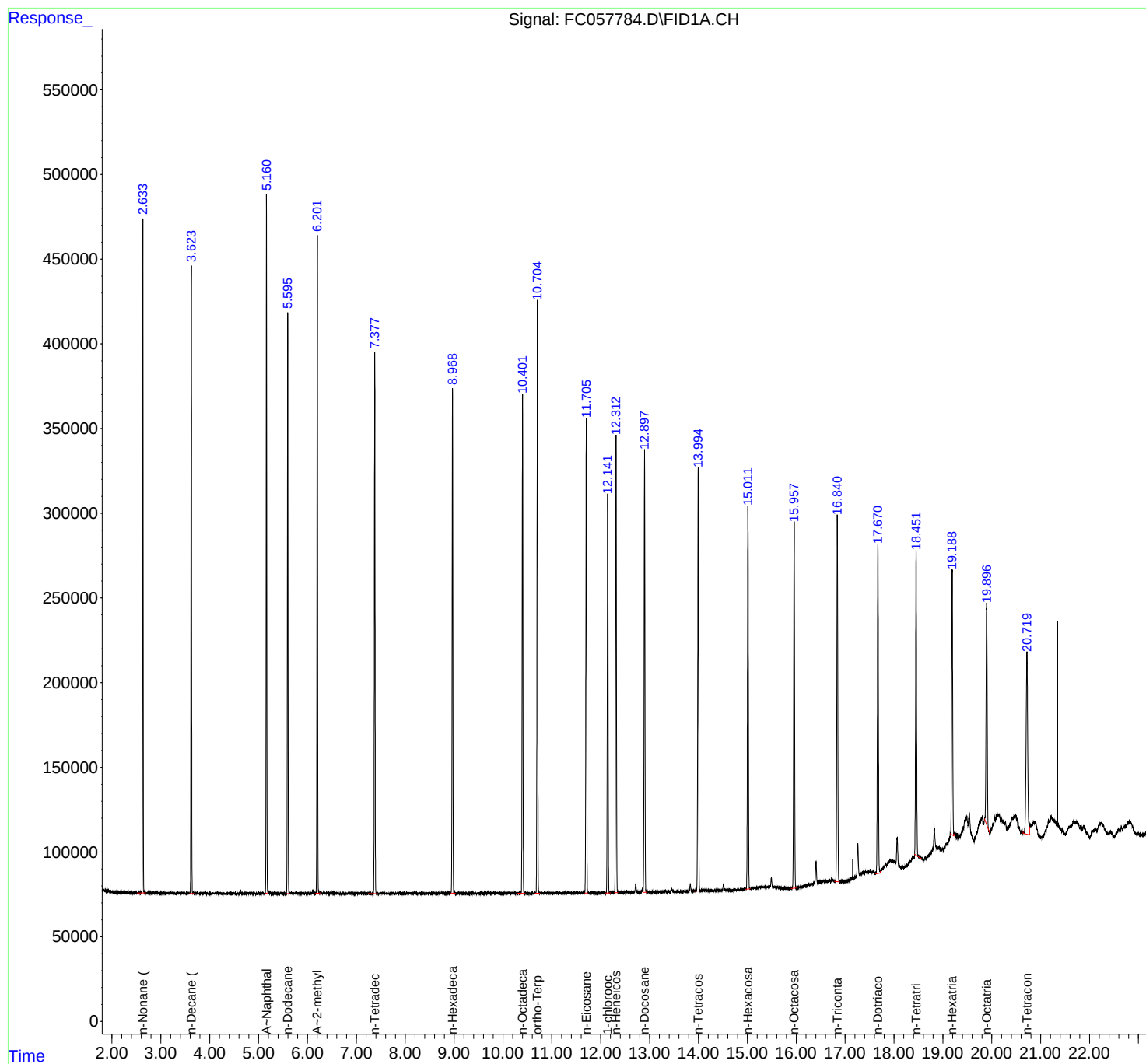
(m)=manual int.

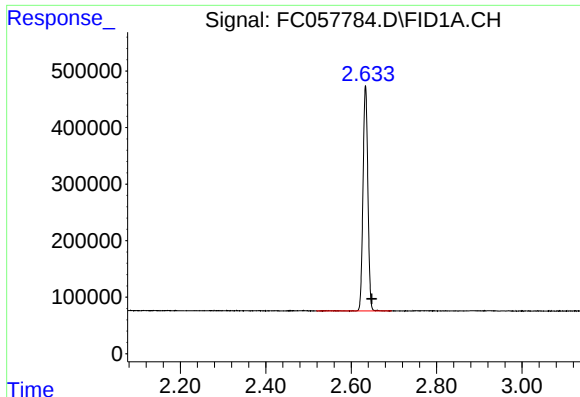
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010722AL\  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
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Volume Inj. : 1 ul  
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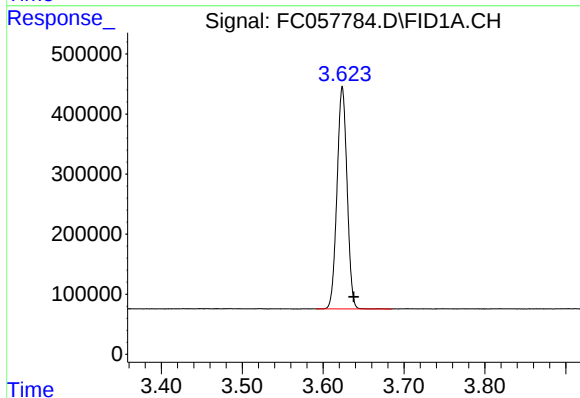




#1 n-Nonane (C9)

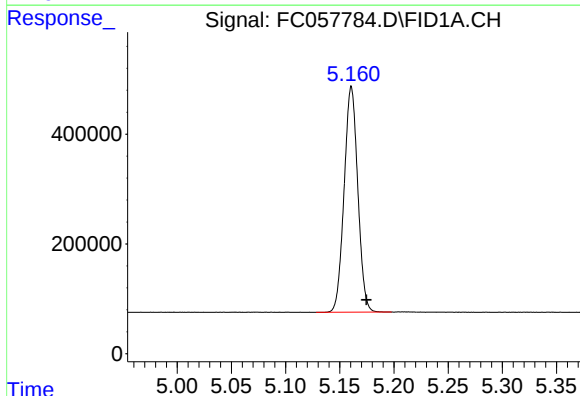
R.T.: 2.634 min  
Delta R.T.: -0.014 min  
Response: 3143217  
Conc: 19.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



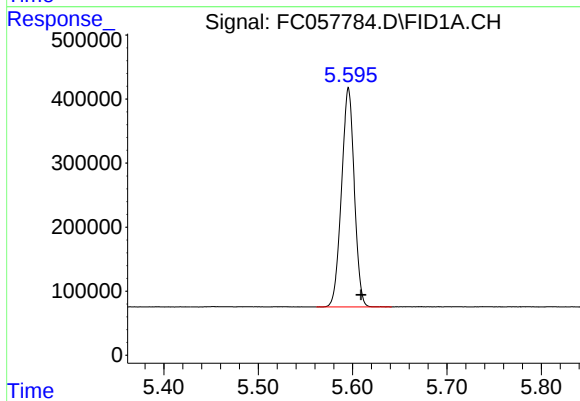
#2 n-Decane (C10)

R.T.: 3.624 min  
Delta R.T.: -0.014 min  
Response: 3195372  
Conc: 19.88 ug/ml



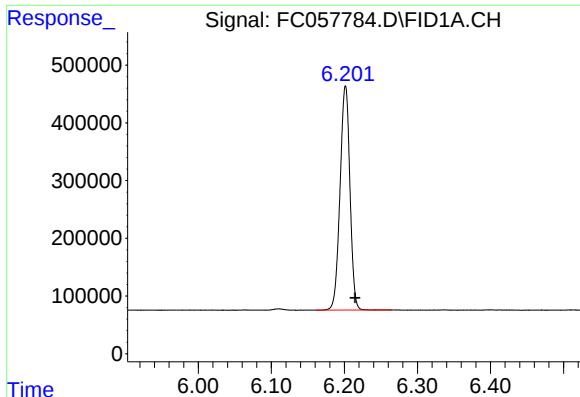
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min  
Delta R.T.: -0.014 min  
Response: 3609366  
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

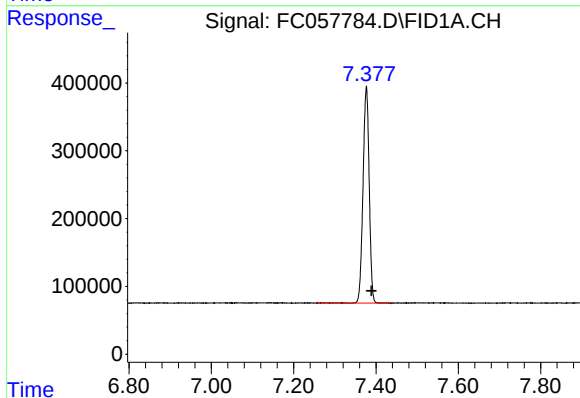
R.T.: 5.596 min  
Delta R.T.: -0.013 min  
Response: 3221347  
Conc: 19.97 ug/ml



#5 A~2-methylnaphthalene (C12.89)

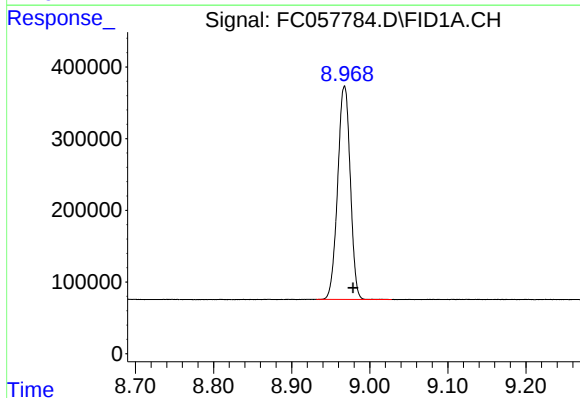
R.T.: 6.201 min  
Delta R.T.: -0.013 min  
Response: 3650886  
Conc: 19.96 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



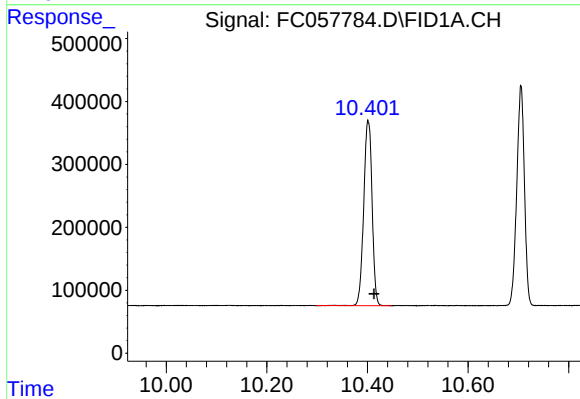
#6 n-Tetradecane (C14)

R.T.: 7.377 min  
Delta R.T.: -0.012 min  
Response: 3324718  
Conc: 20.14 ug/ml



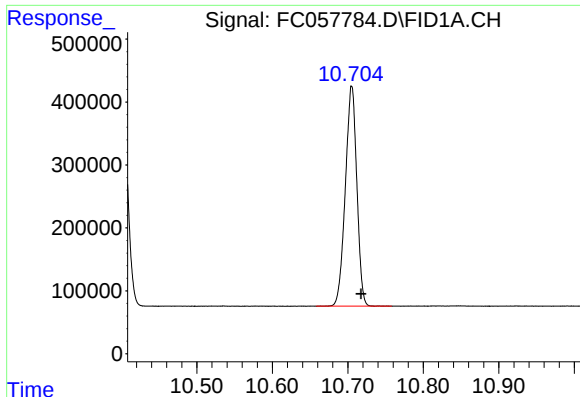
#7 n-Hexadecane (C16)

R.T.: 8.968 min  
Delta R.T.: -0.011 min  
Response: 3337290  
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

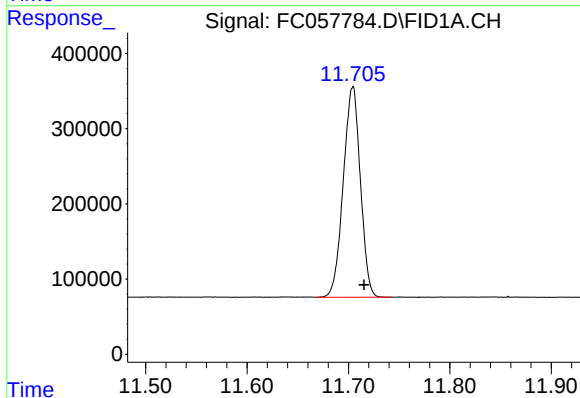
R.T.: 10.402 min  
Delta R.T.: -0.012 min  
Response: 3395483  
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURRE)

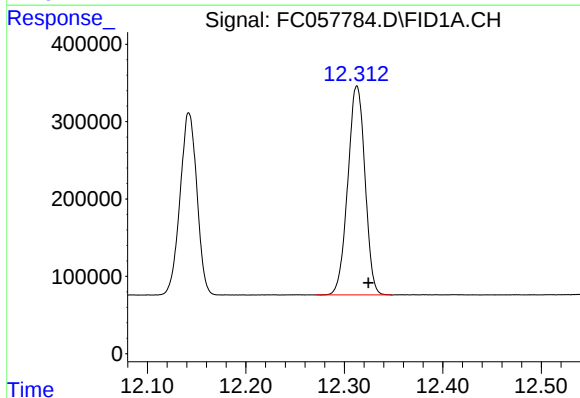
R.T.: 10.705 min  
Delta R.T.: -0.012 min  
Response: 3703767  
Conc: 19.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



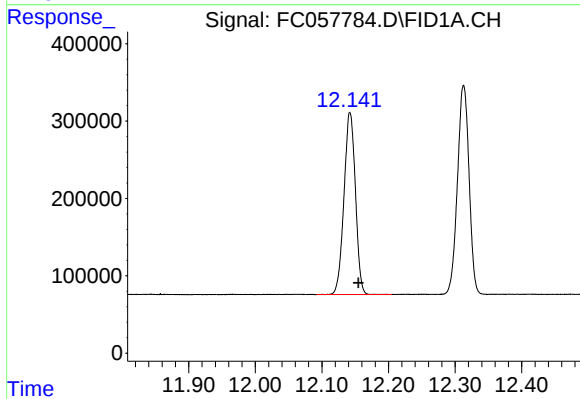
#10 n-Eicosane (C20)

R.T.: 11.704 min  
Delta R.T.: -0.011 min  
Response: 3284031  
Conc: 19.18 ug/ml



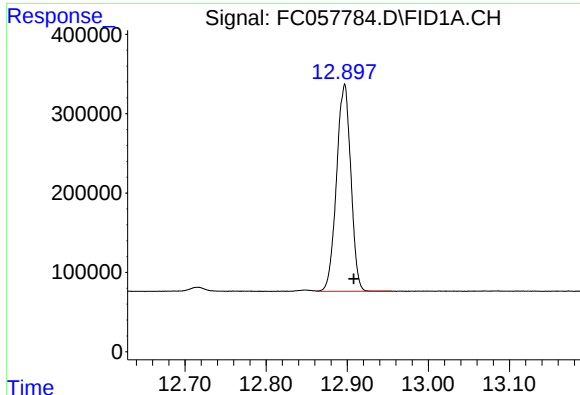
#11 n-Heneicosane (C21)

R.T.: 12.313 min  
Delta R.T.: -0.012 min  
Response: 3274161  
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURRE)

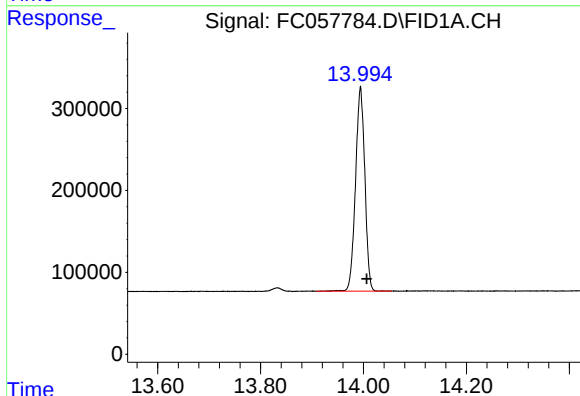
R.T.: 12.142 min  
Delta R.T.: -0.012 min  
Response: 2806724  
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

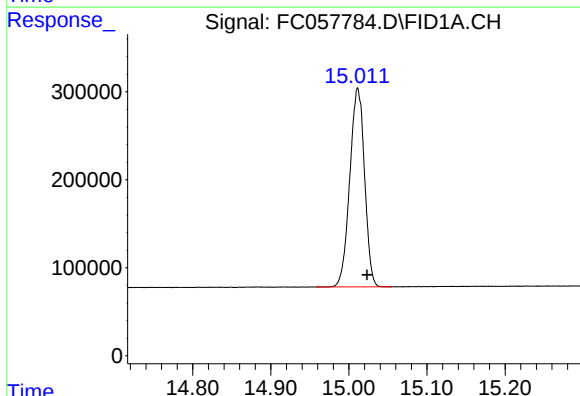
R.T.: 12.896 min  
Delta R.T.: -0.012 min  
Response: 3201181  
Conc: 18.50 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



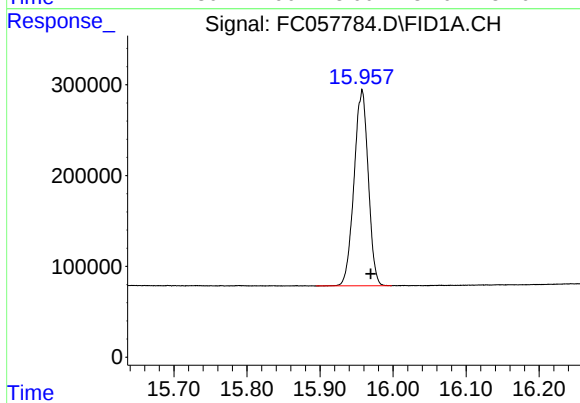
#14 n-Tetracosane (C24)

R.T.: 13.994 min  
Delta R.T.: -0.012 min  
Response: 3130896  
Conc: 18.09 ug/ml



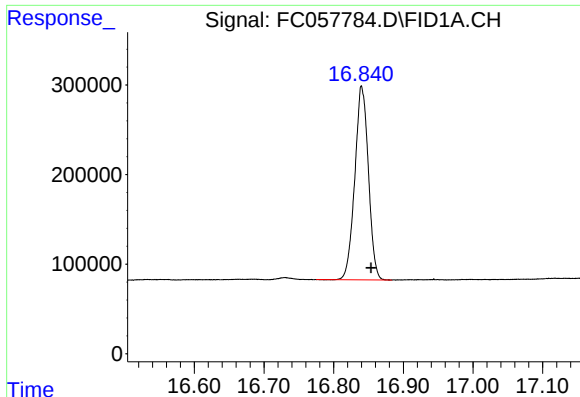
#15 n-Hexacosane (C26)

R.T.: 15.011 min  
Delta R.T.: -0.012 min  
Response: 2966586  
Conc: 17.63 ug/ml



#16 n-Octacosane (C28)

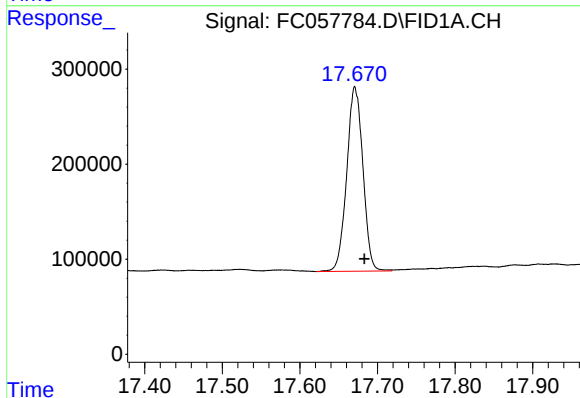
R.T.: 15.957 min  
Delta R.T.: -0.012 min  
Response: 2913348  
Conc: 17.80 ug/ml



#17 n-Tricontane (C30)

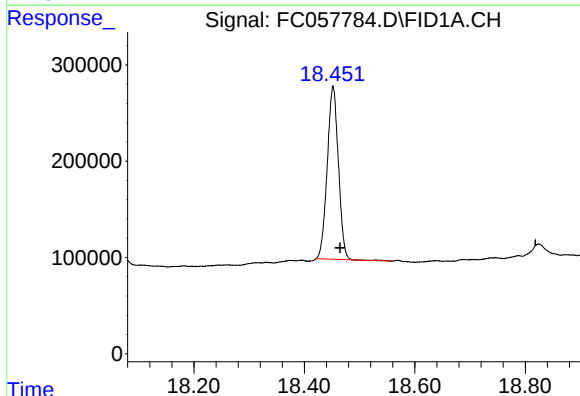
R.T.: 16.841 min  
Delta R.T.: -0.013 min  
Response: 2932368  
Conc: 18.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



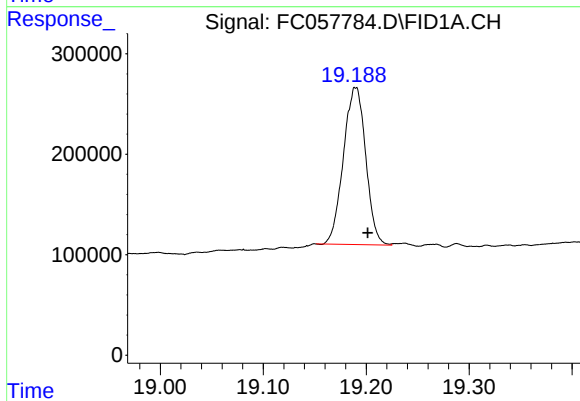
#18 n-Dotriacontane (C32)

R.T.: 17.671 min  
Delta R.T.: -0.012 min  
Response: 2811707  
Conc: 20.17 ug/ml



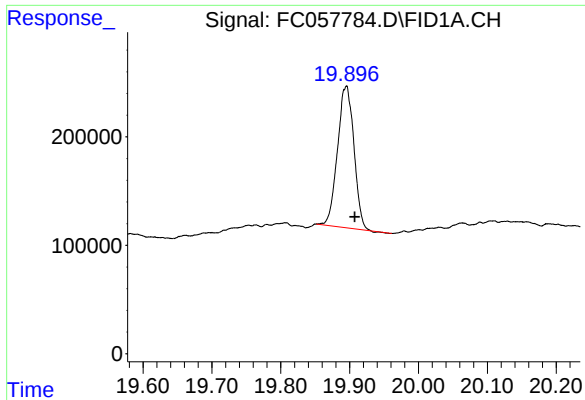
#19 n-Tetratriacontane (C34)

R.T.: 18.452 min  
Delta R.T.: -0.012 min  
Response: 2525258  
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

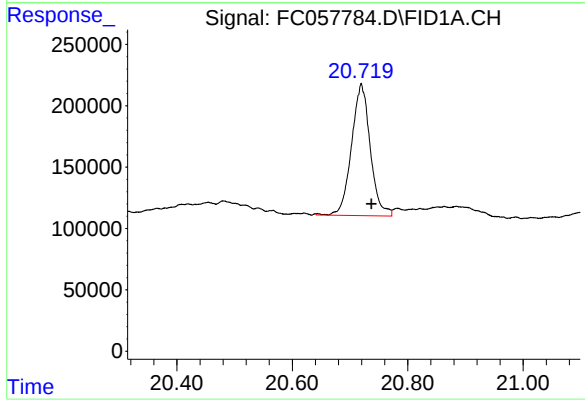
R.T.: 19.190 min  
Delta R.T.: -0.012 min  
Response: 2355358  
Conc: 21.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.895 min  
Delta R.T.: -0.013 min  
Response: 2161757  
Conc: 20.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.720 min  
Delta R.T.: -0.017 min  
Response: 2410765  
Conc: 25.18 ug/ml